

ABSTRACT

The invention relates to a method and a device for performing inter-vehicle distance control on a vehicle, an actual value ( $d_{act}$ ) of a distance variable which describes a distance between the vehicle and a vehicle traveling in front being determined. Furthermore, a plurality of weighting values ( $g_i$ ) for the distance variable are determined as a function of input variables ( $x_i$ ) which describe the driving situation of the vehicle and/or the ambient situation of the vehicle and/or the driving behavior of the driver. From the weighting values in turn a set point value ( $d_{setp}$ ) for the distance variable is determined, braking means and/or driving means of the vehicle being actuated in such a way that the determined actual value ( $d_{act}$ ) of the distance variable assumes the determined set point value ( $d_{setp}$ ). According to the invention, in order to determine the set point value ( $d_{setp}$ ) of the distance variable the weighting values ( $g_i$ ) are multiplied by one another.

Fig. 1